CLAIMS

- 1. A pharmaceutical composition for the treatment of cancer, characterized in that it comprises a CXCR3 inhibitor.
- 2. The composition according to claim 1, wherein the cancer is metastatic cancer expressing CXCR3.
- 3. The composition according to claim 1 or 2, wherein the cancer is selected from the group consisting of melanoma, breast cancer, intestine cancer and ovary cancer.
- 4. The composition according to any one of claims 1 to 3, which is to inhibit or suppress metastasis of cancer cells to lymph node or survival of cancer cells.
- 5. The composition according to any one of claims 1 to 4, wherein the CXCR3 inhibitor is selected from the group consisting of (A) an inhibitor of signaling through CXCR3 in cancer cells and (B) an inhibitor of CXCR3 expression.
- 6. The composition according to claim 5, wherein (A) the inhibitor of signaling through CXCR3 in cancer cells is selected from the group consisting of a CXCR3 antagonist, an antibody against CXCR3 ligand and a fragment having the antigen binding activity thereof; and (B) the inhibitor of CXCR3 expression is selected from the group consisting of a CXCR3 antisense, a siRNA and a CXCR3 expression inhibitor.
- 7. The composition according to claim 6, wherein the CXCR3 ligand is CXCL9, CXCL10 or CXCL11.
- 8. The composition according to claim 6 or 7, wherein the CXCR3 antagonist includes an anti-CXCR3 antibody, a fragment having the antigen binding activity of anti-CXCR3 antibody, a mutant of CXCR3 ligand, an inhibitor of ligand binding, and an anti-idiotype antibody.
- 9. The composition according to claim 6, wherein the CXCR3 antisense is a DNA having sequence complementary to a DNA fragment in a

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coding sequence or 5' non-coding sequence of DNA comprising the base sequence set forth in SEQ ID NO: 2 or an RNA corresponding to the DNA, or a chemically modified variant thereof.

10. A method for treating cancer or preventing metastasis of cancer, which comprises administering the composition of CXCR3 inhibitor according to any one of claims 1 to 9 to a subject in need of such treatment.

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- 11. The method according to claim 10, wherein the cancer is metastatic cancer expressing CXCR3
- 12. The method according to claim 10 or 11, wherein the metastatic cancer is selected from the group consisting of melanoma, breast cancer, intestine cancer and ovary cancer.
- 13. The method according to any one of claims 10 to 12, wherein the metastasis is metastasis to lymph node.
- 14. A method of screening drugs for the treatment of cancer expressing CXCR3, comprising the steps of:
 - 1) contacting a test compound with a cell expressing CXCR3; and
 - 2) determining whether the test compound inhibits CXCR3.